

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

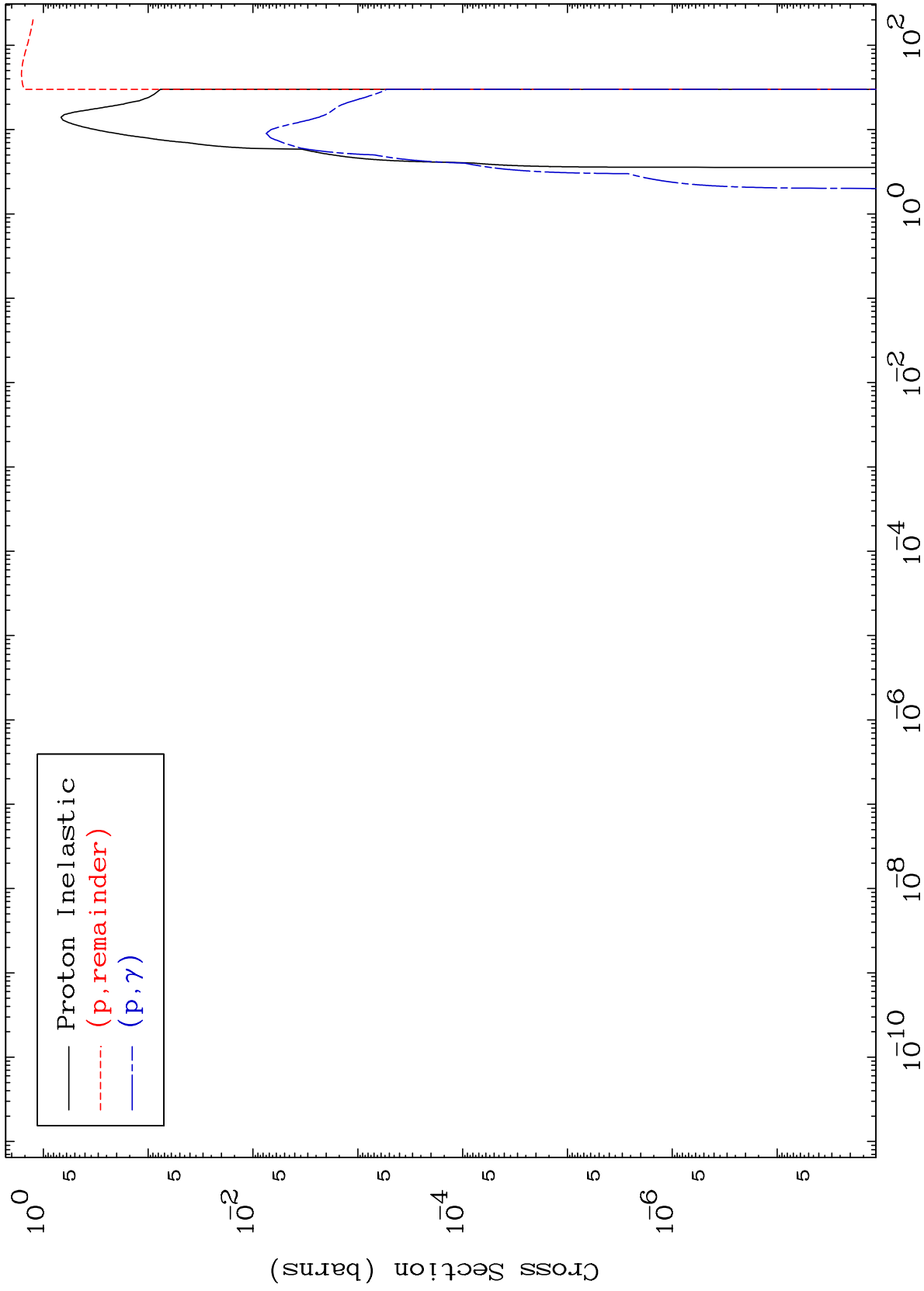
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6128

Proton Major
0 Kelvin Cross Sections

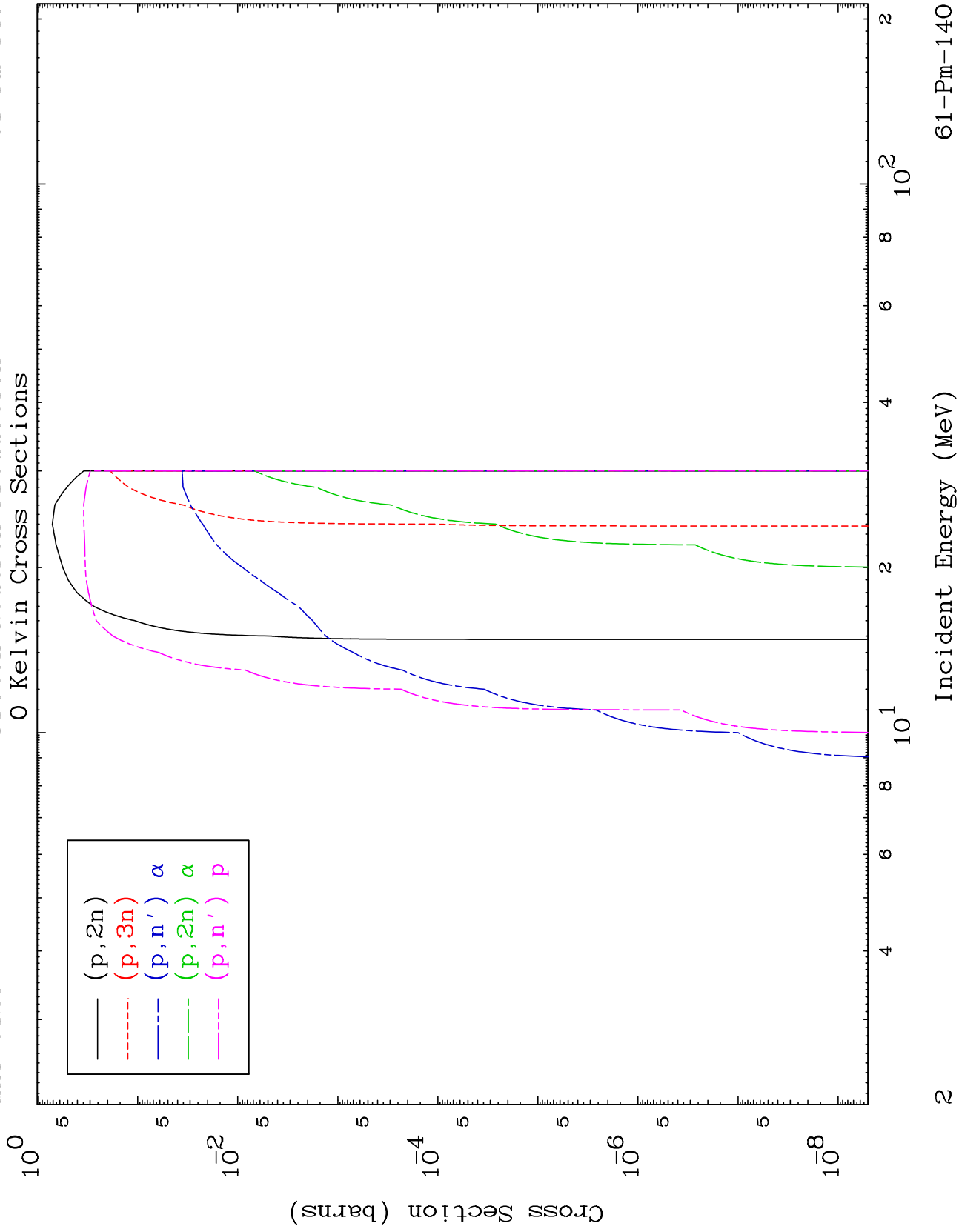
61-Pm-140

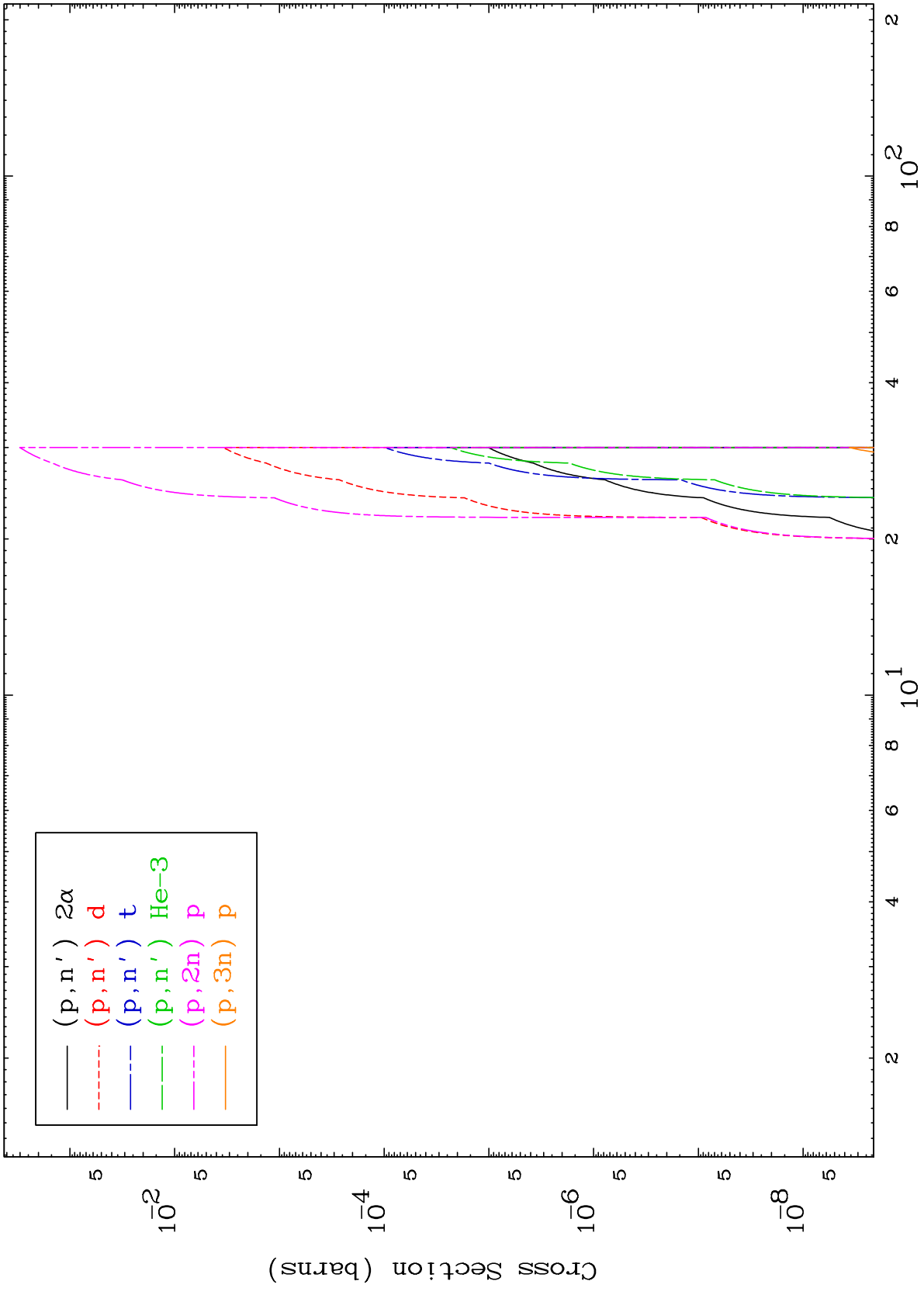


1

Incident Energy (MeV)

61-Pm-140

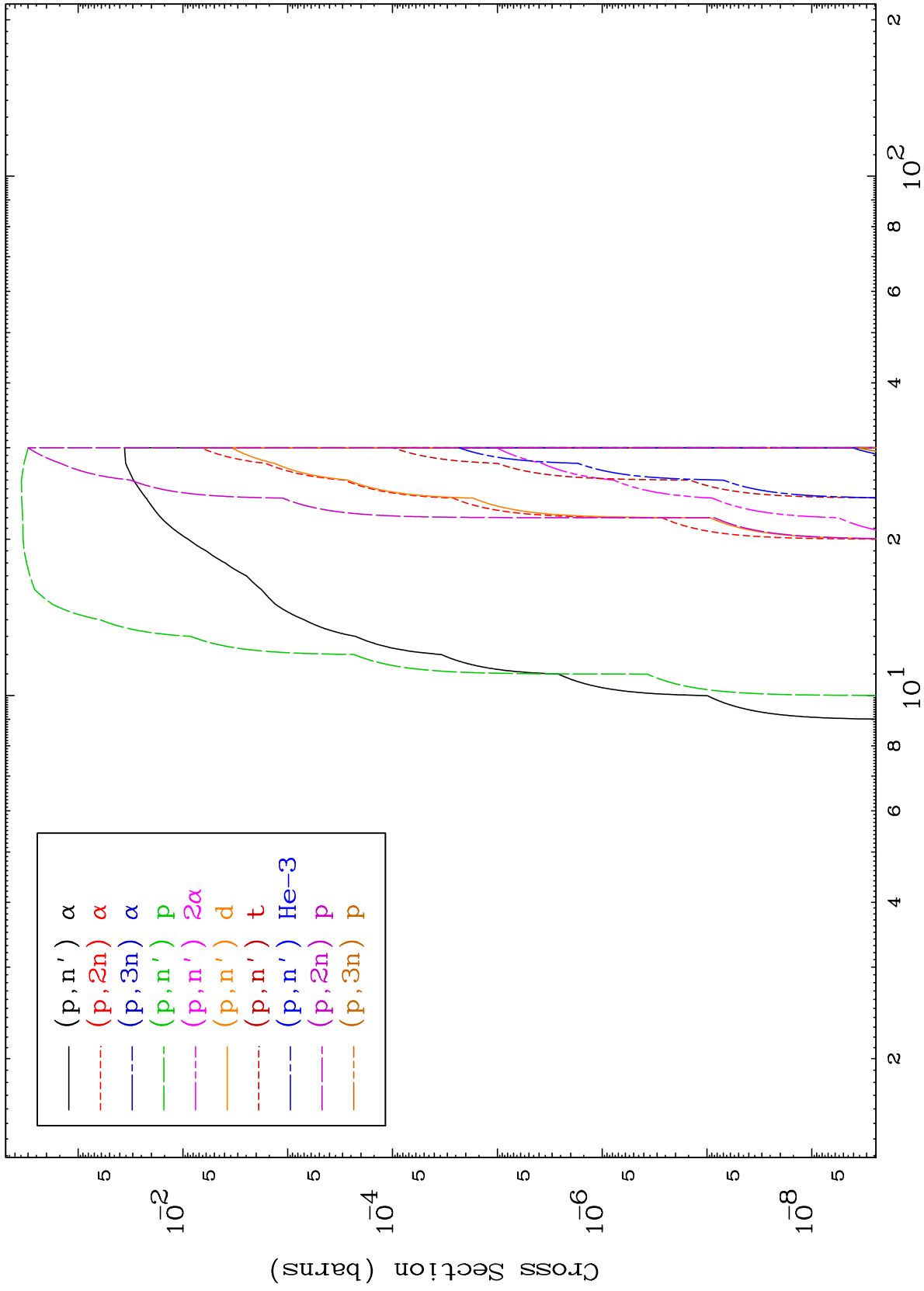




MAT 6128

Proton Charged Particle
0 Kelvin Cross Sections

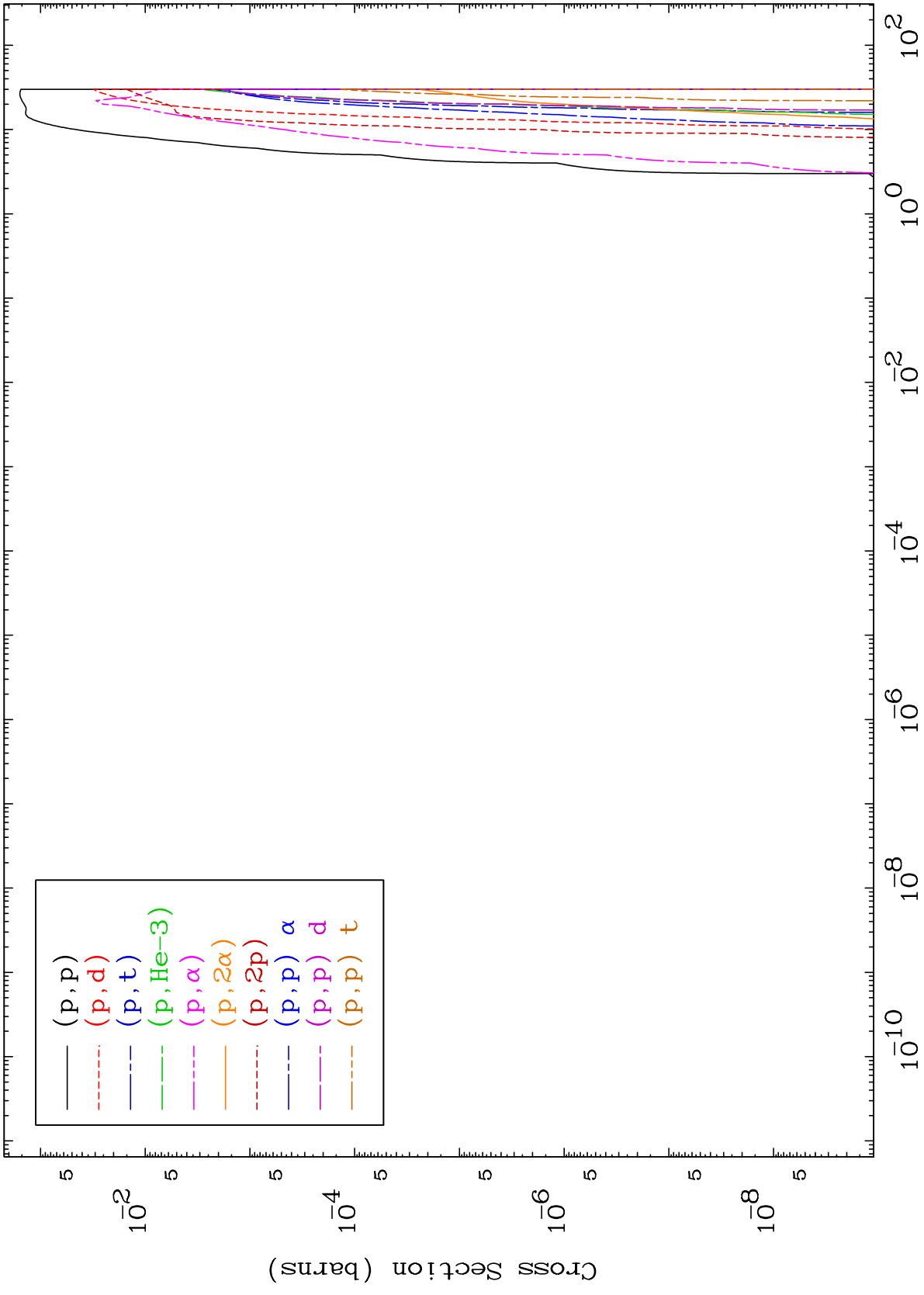
61-Pm-140



MAT 6128

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-140

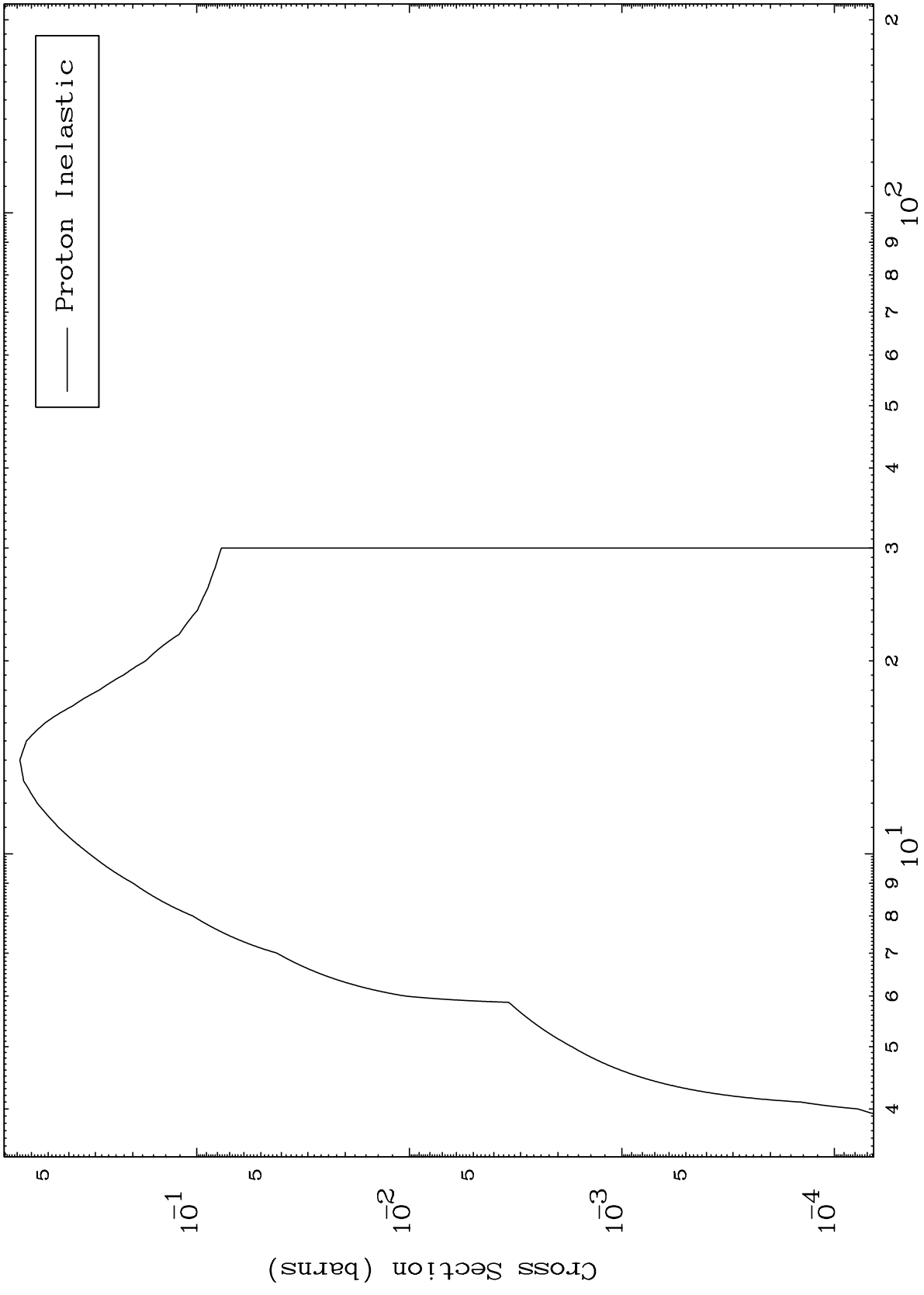


61-Pm-140

MAT 6128

(p,n') Level
0 Kelvin Cross Sections

61-Pm-140



6

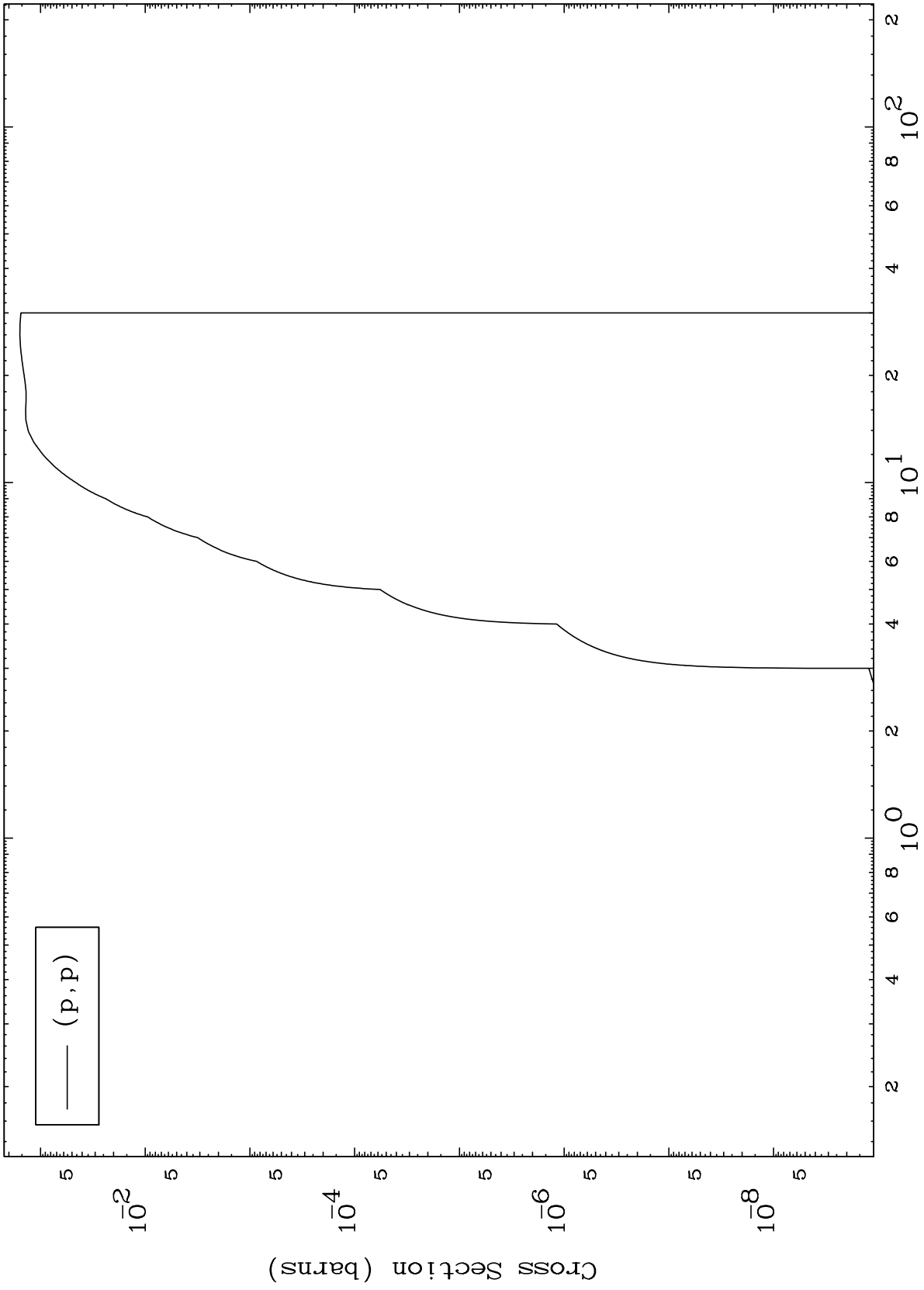
Incident Energy (MeV)

61-Pm-140

MAT 6128

(p,p) Levels
0 Kelvin Cross Sections

61-Pm-140



7

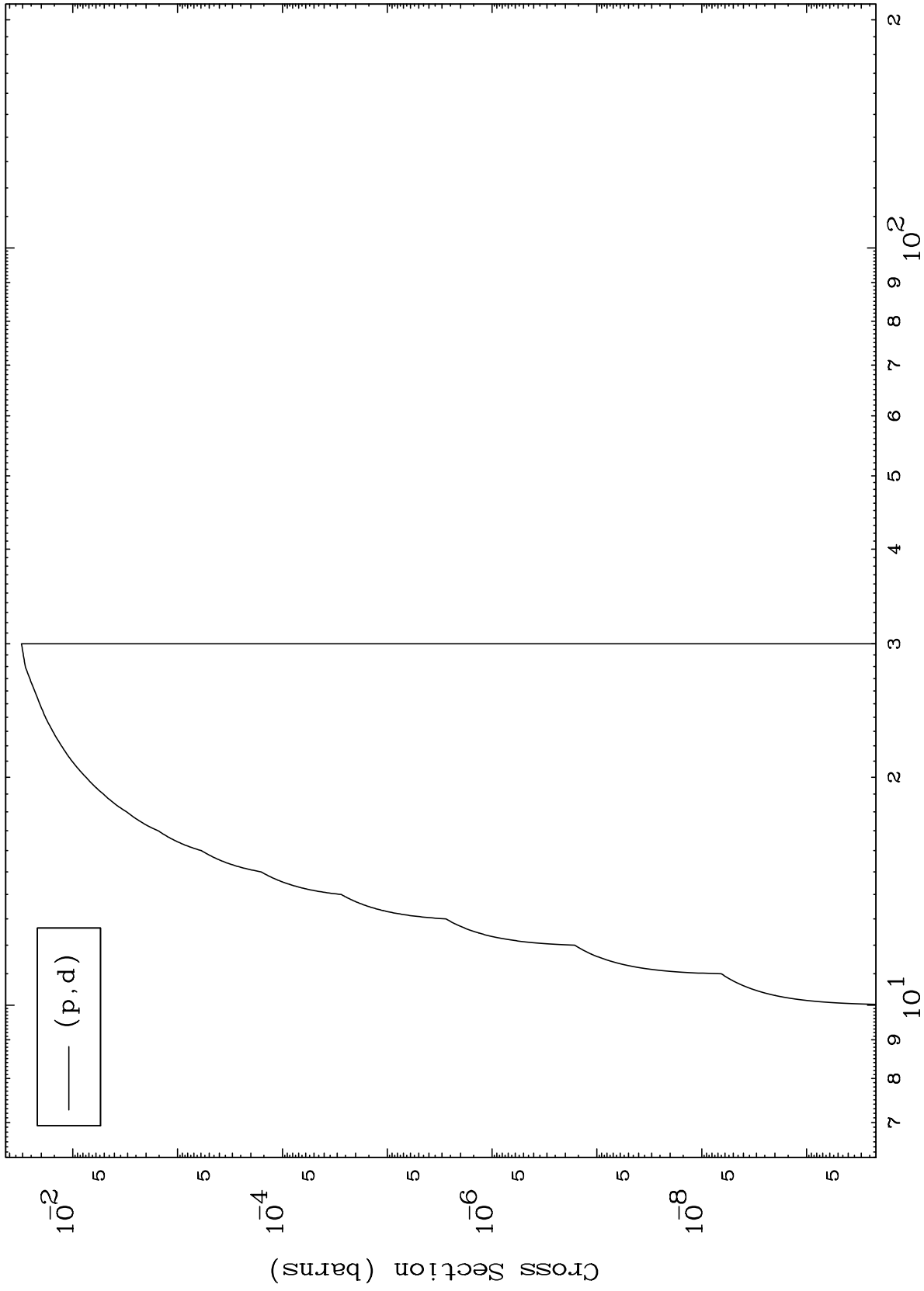
Incident Energy (MeV)

61-Pm-140

MAT 6128

(p,d) Levels
0 Kelvin Cross Sections

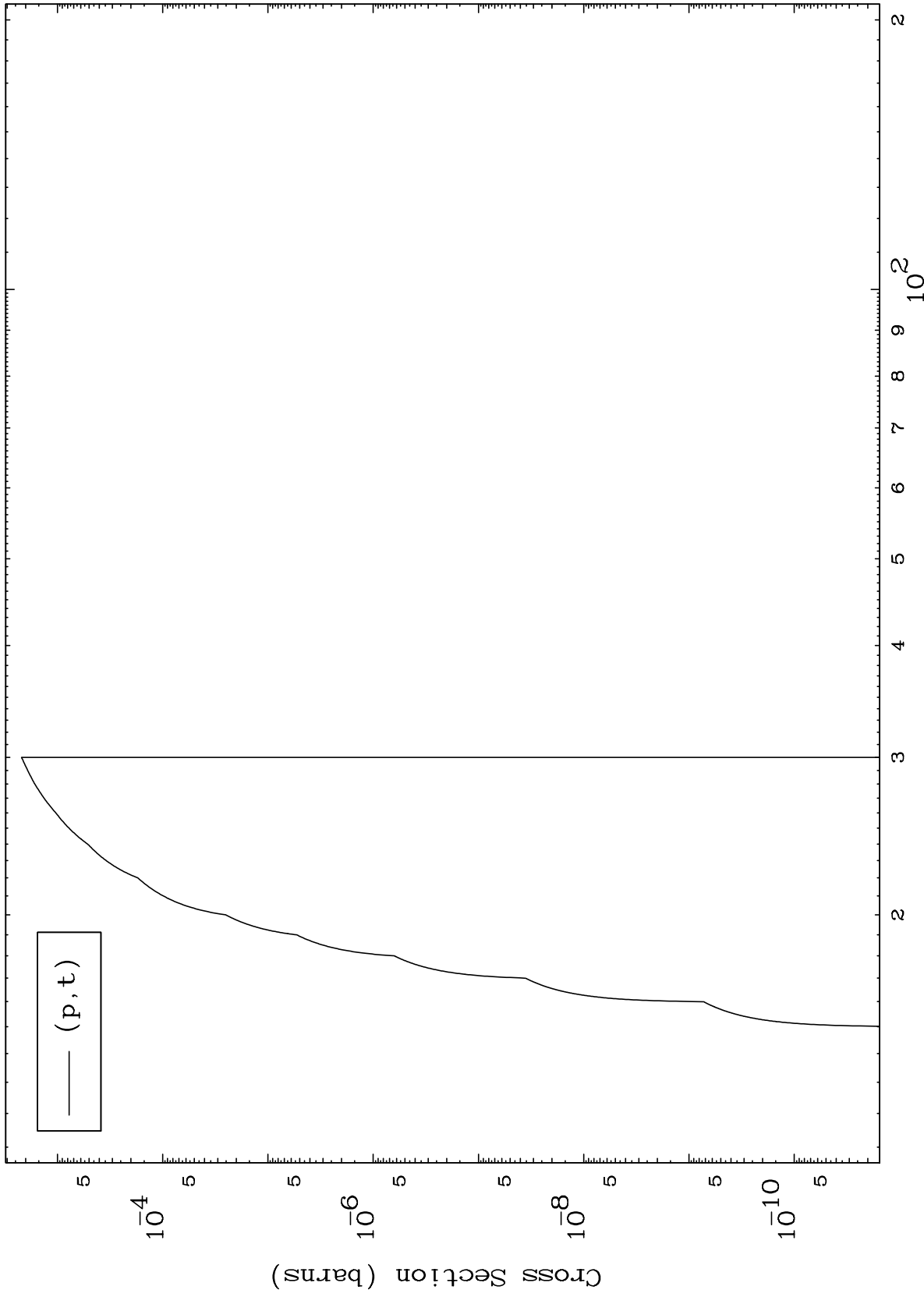
61-Pm-140



8

Incident Energy (MeV)

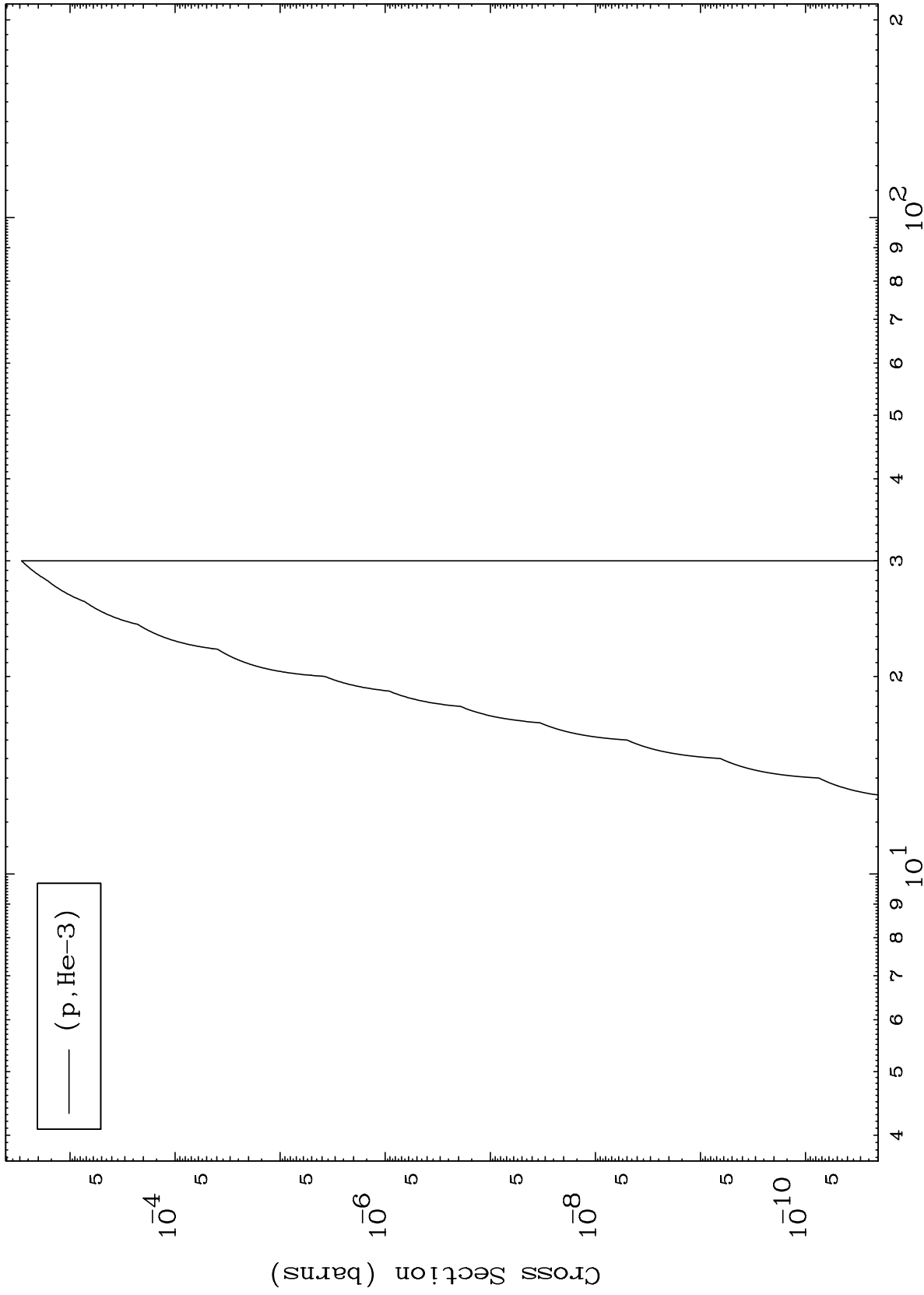
61-Pm-140



MAT 6128

(p,He3) Levels
0 Kelvin Cross Sections

61-Pm-140



10

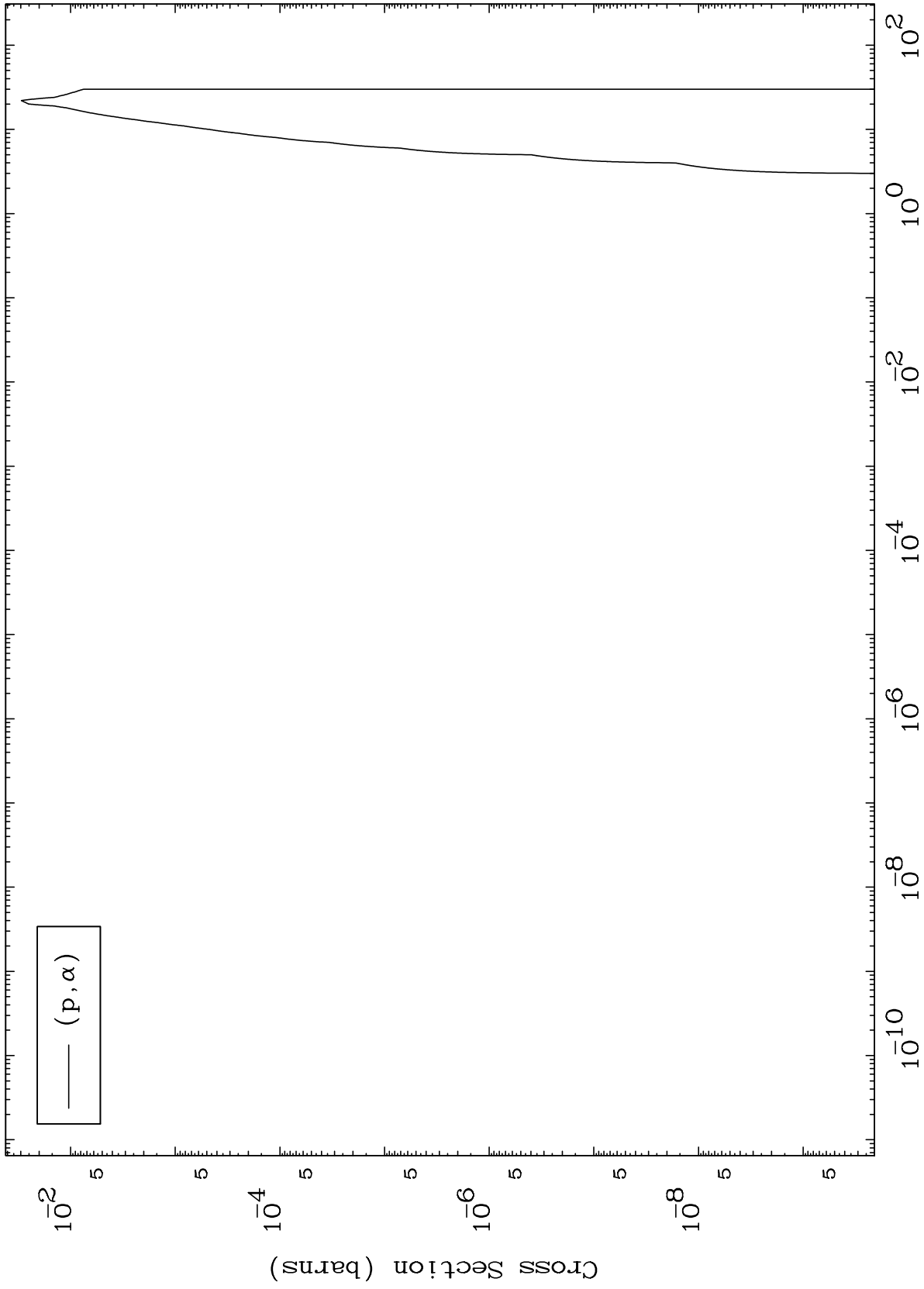
Incident Energy (MeV)

61-Pm-140

MAT 6128

(p, α) Levels
0 Kelvin Cross Sections

61-Pm-140



11

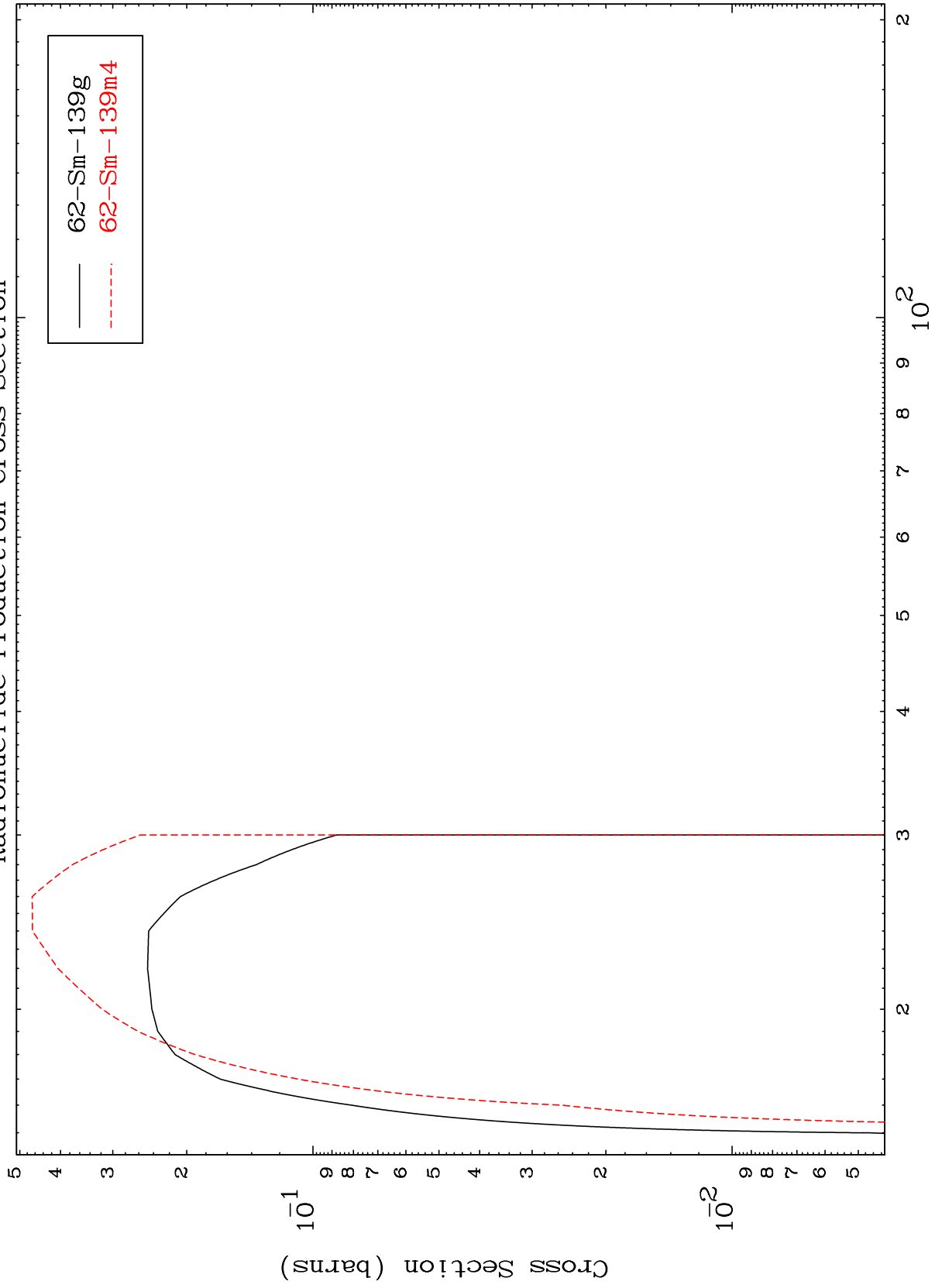
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(p,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

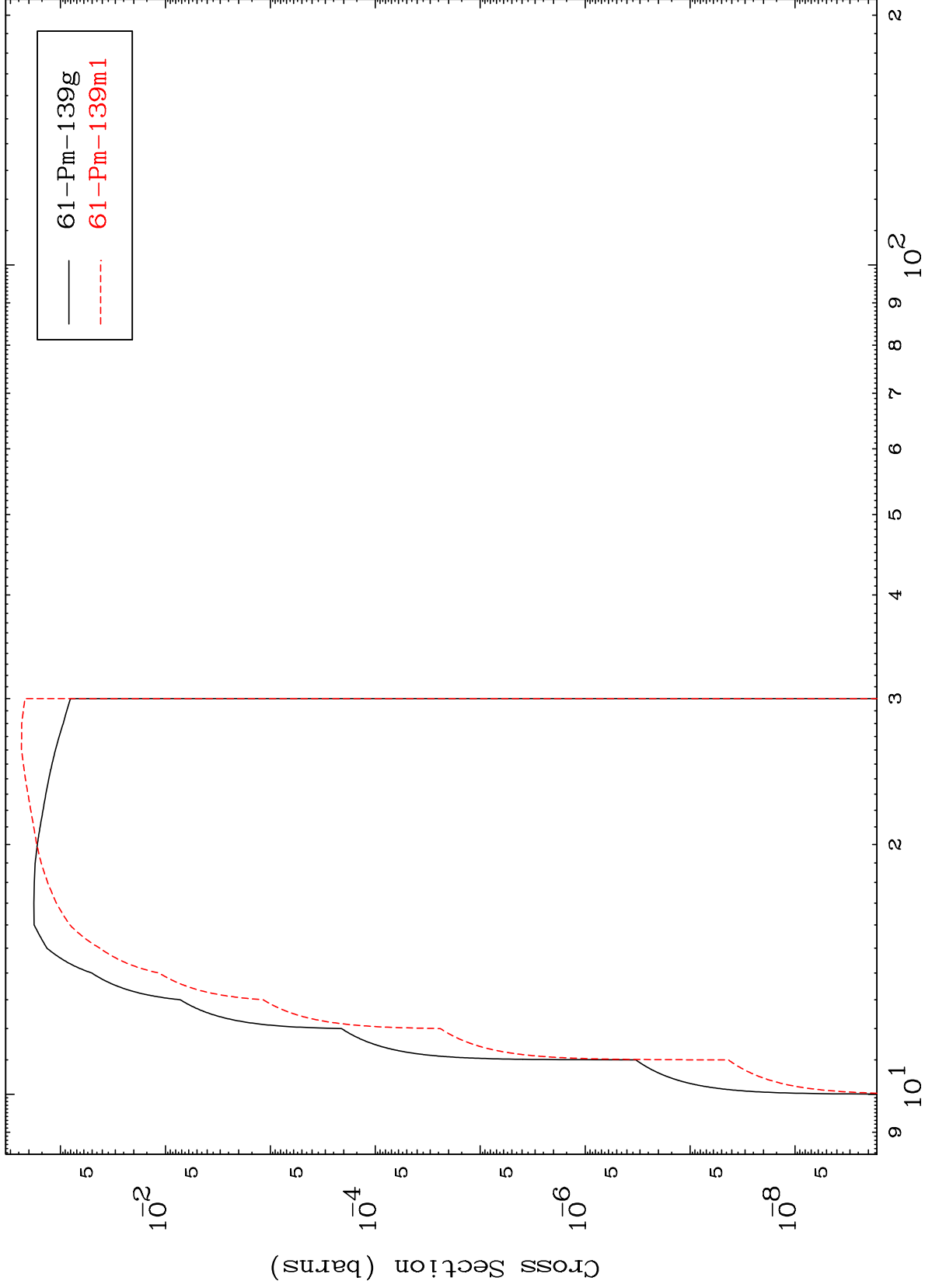
61-Pm-140

MAT 6128

(p,n') p

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

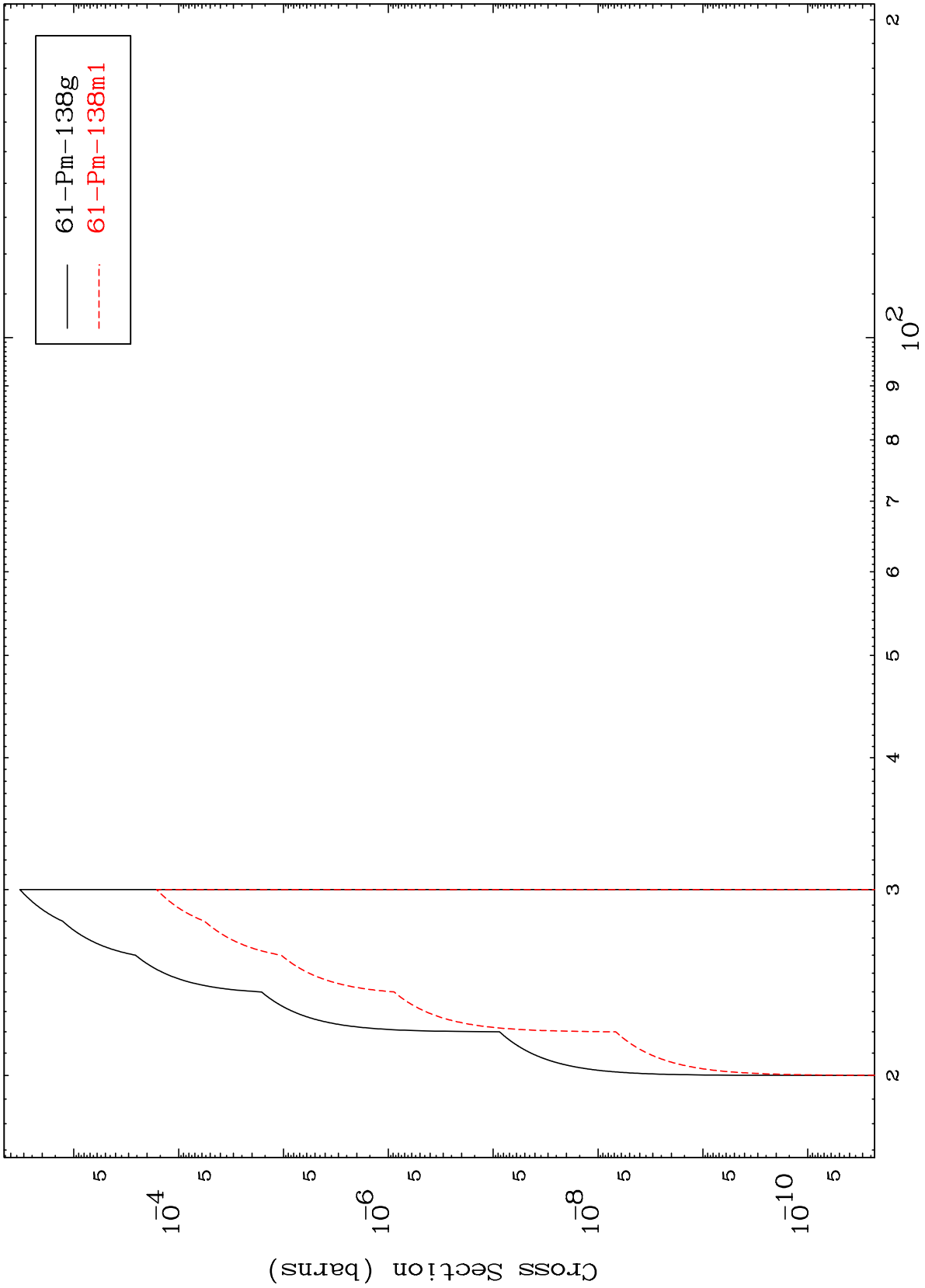
61-Pm-140

MAT 6128

(p,n) d

61-Pm-140

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

14

Incident Energy (MeV)

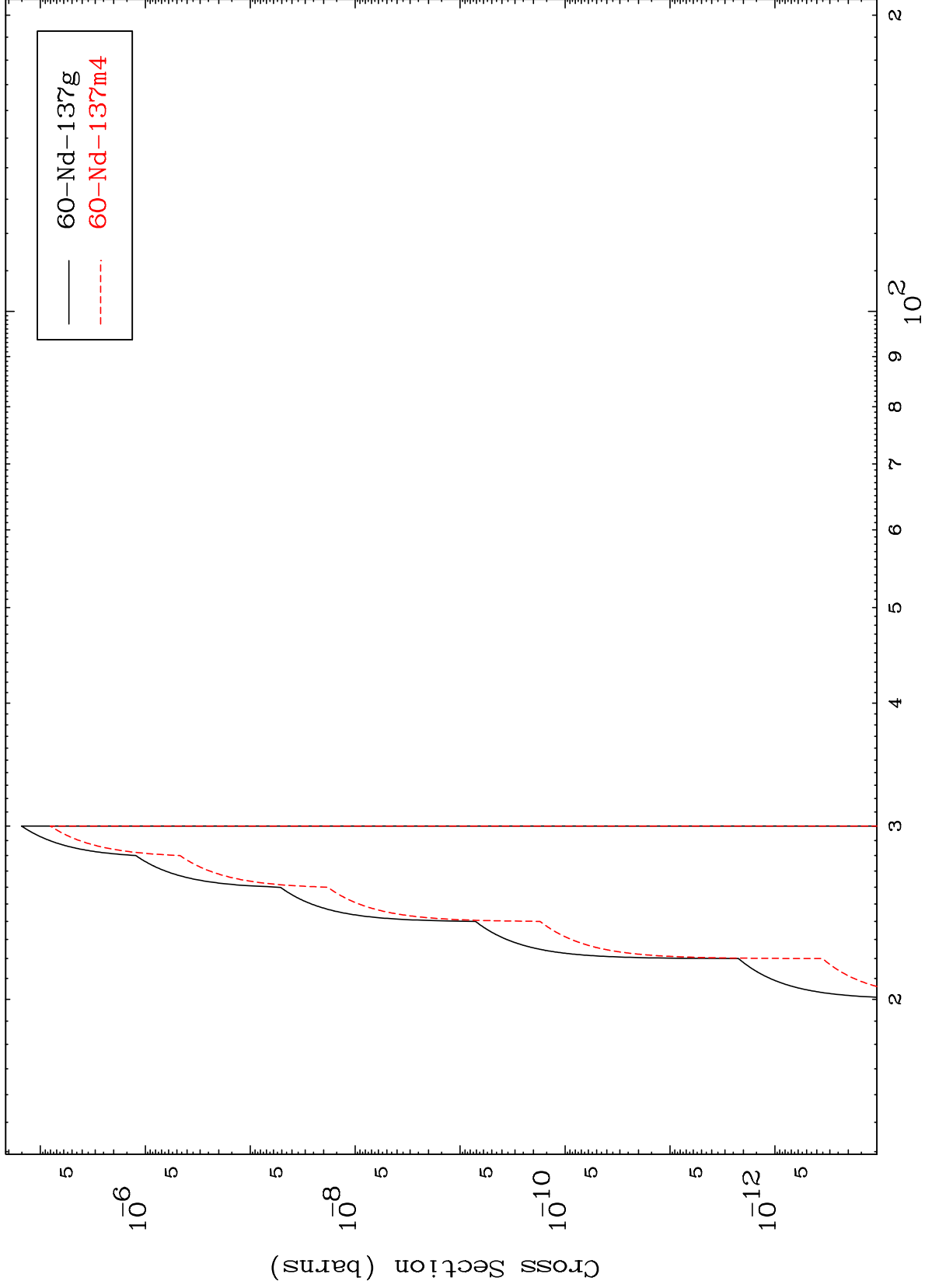
61-Pm-140

MAT 6128

(p,n') He-3

61-Pm-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

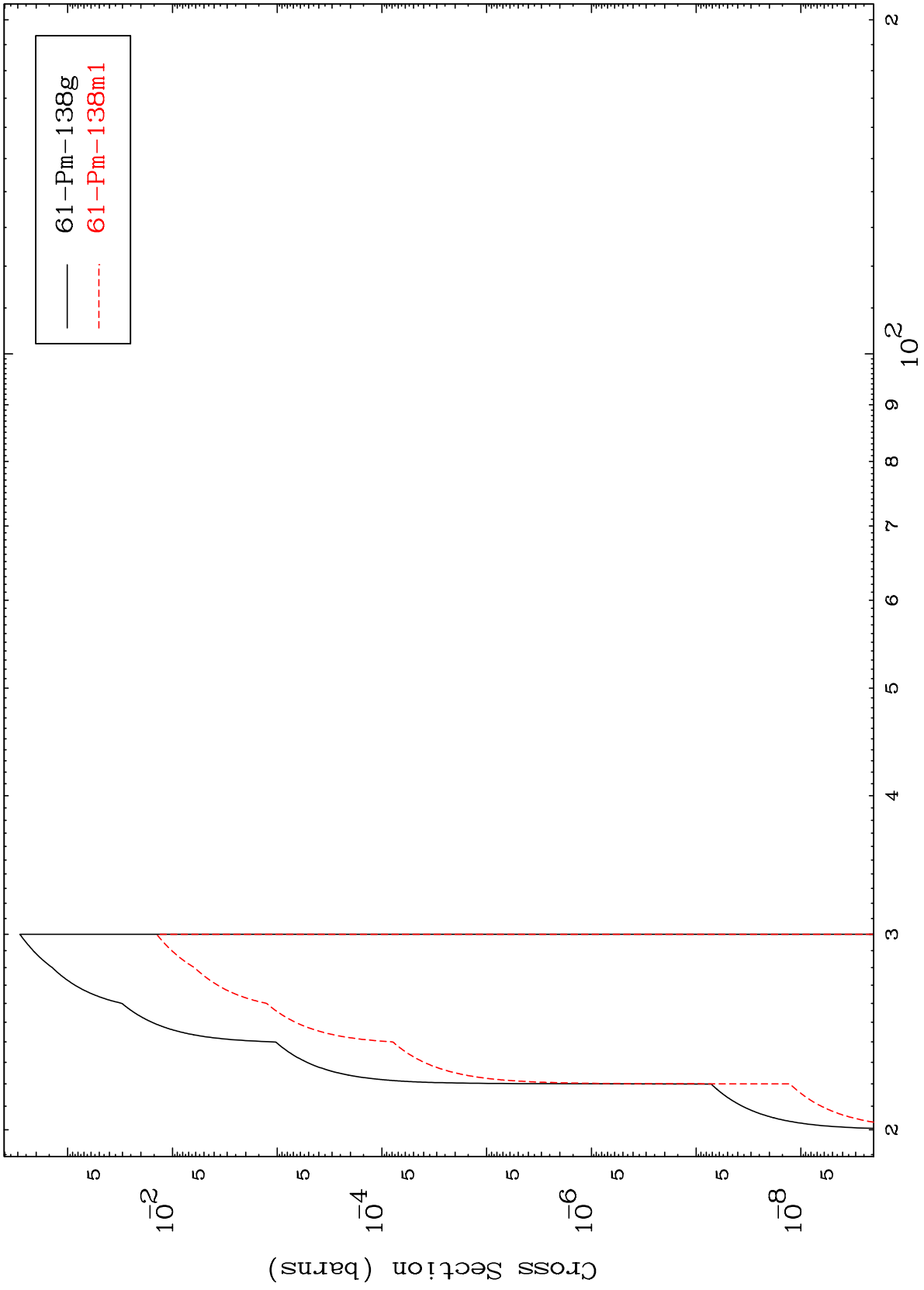
61-Pm-140

MAT 6128

(p,2n) p

61-Pm-140

Radionuclide Production Cross Section



16

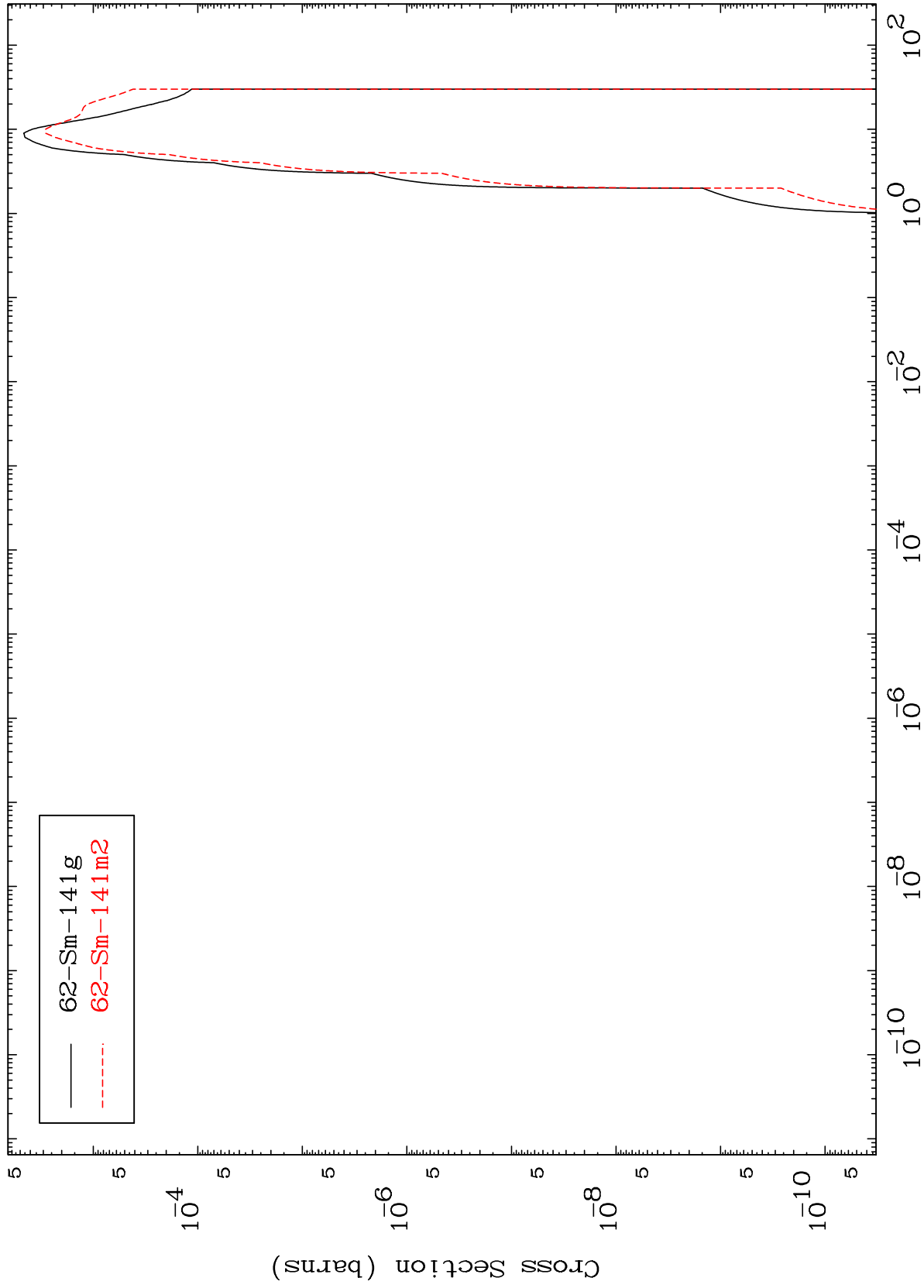
Incident Energy (MeV)

61-Pm-140

MAT 6128

Radionuclide Production Cross Section
(p,γ)

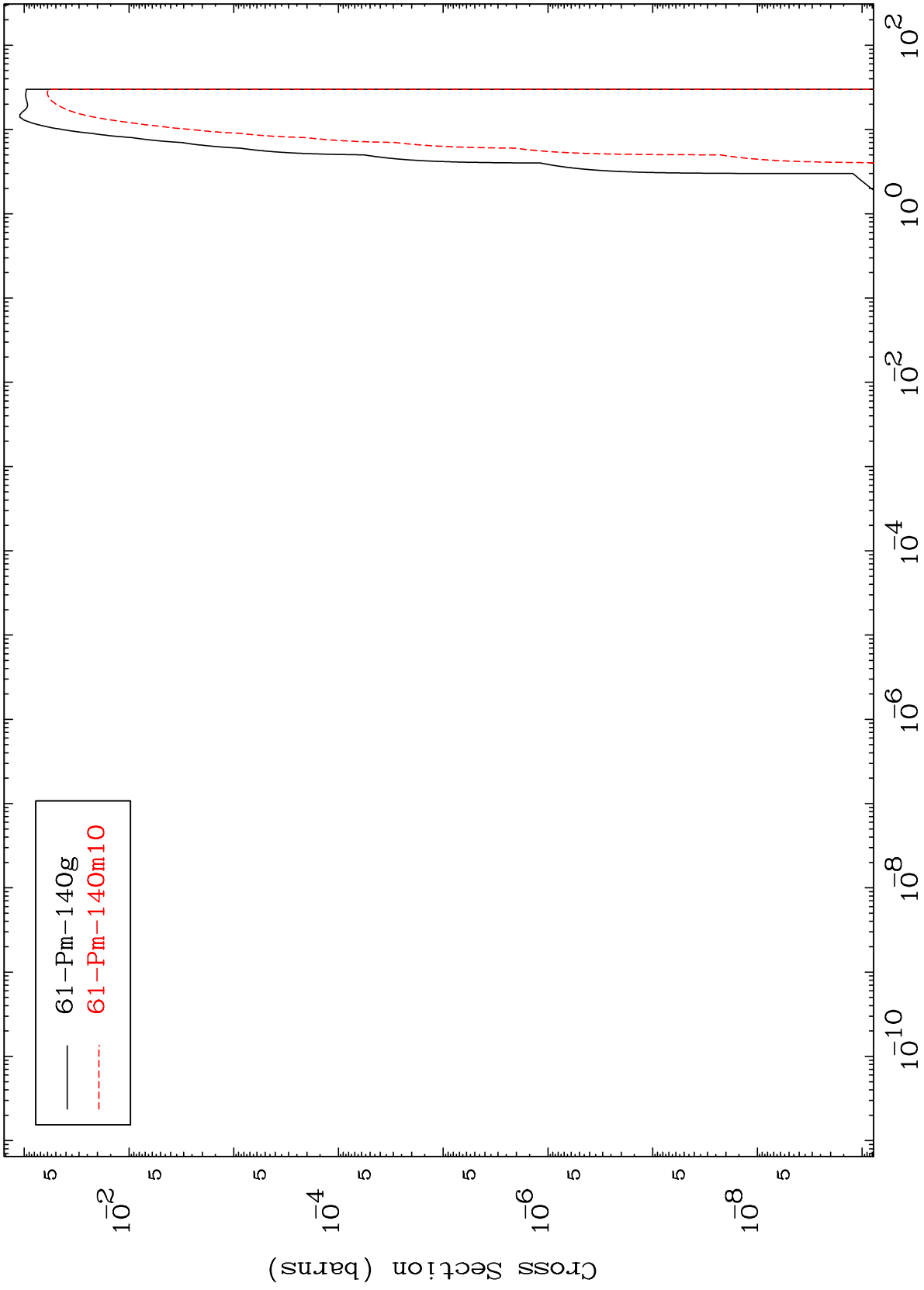
61-Pm-140



MAT 6128

(p,p)
Radionuclide Production Cross Section

61-Pm-140



18

Incident Energy (MeV)

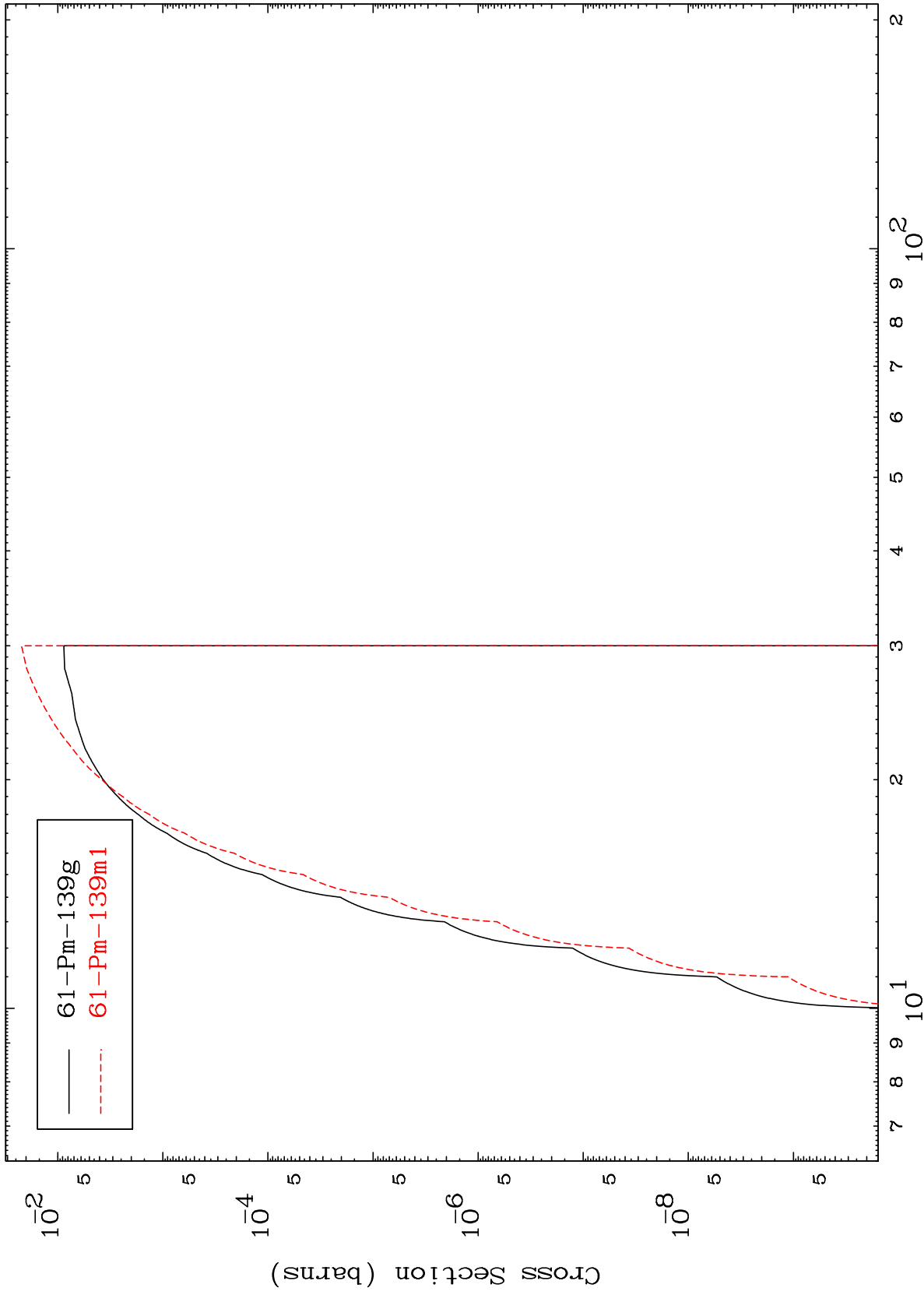
61-Pm-140

MAT 6128

(p,d)

61-Pm-140

Radionuclide Production Cross Section



19

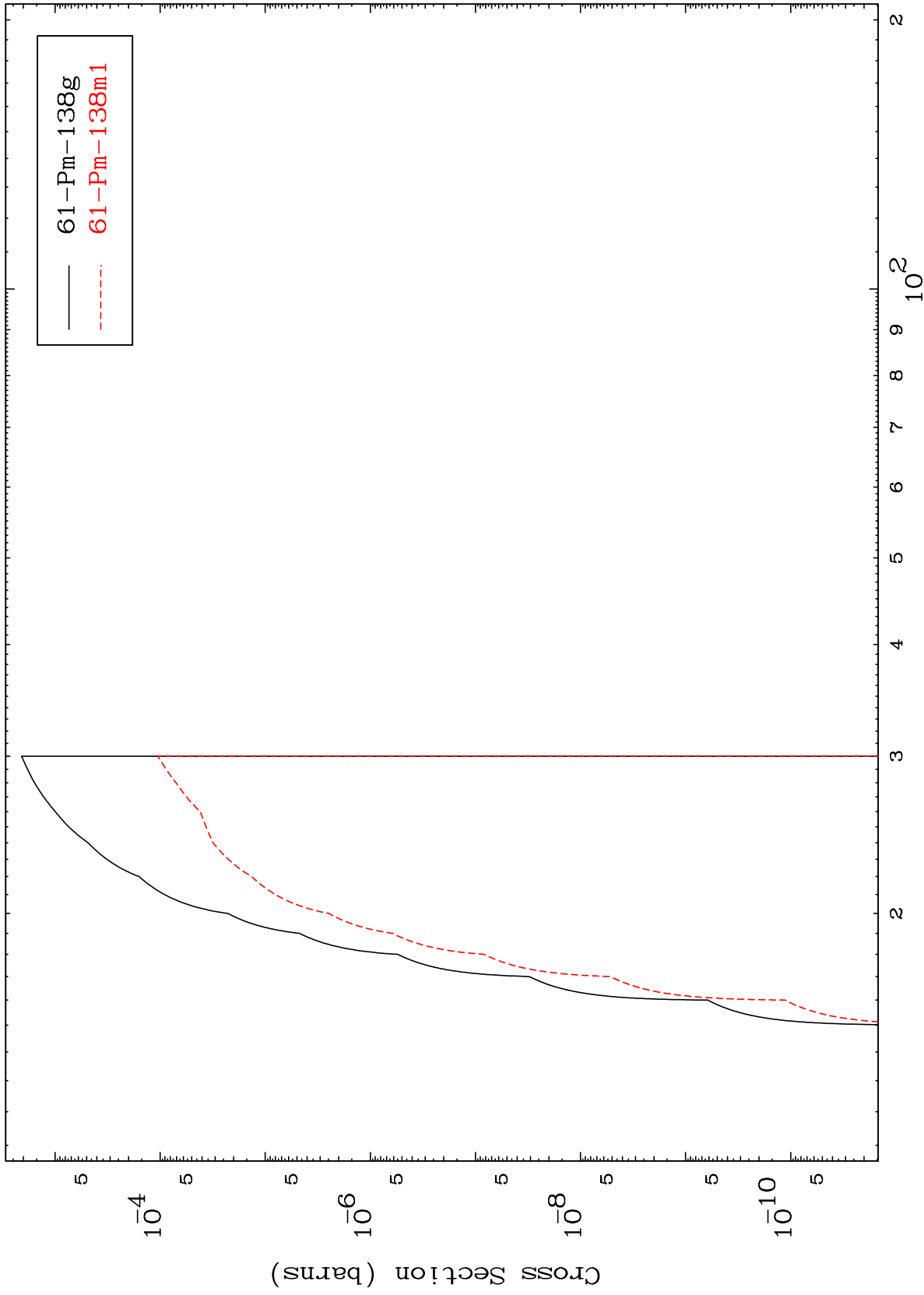
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(p,t)
Radionuclide Production Cross Section



20

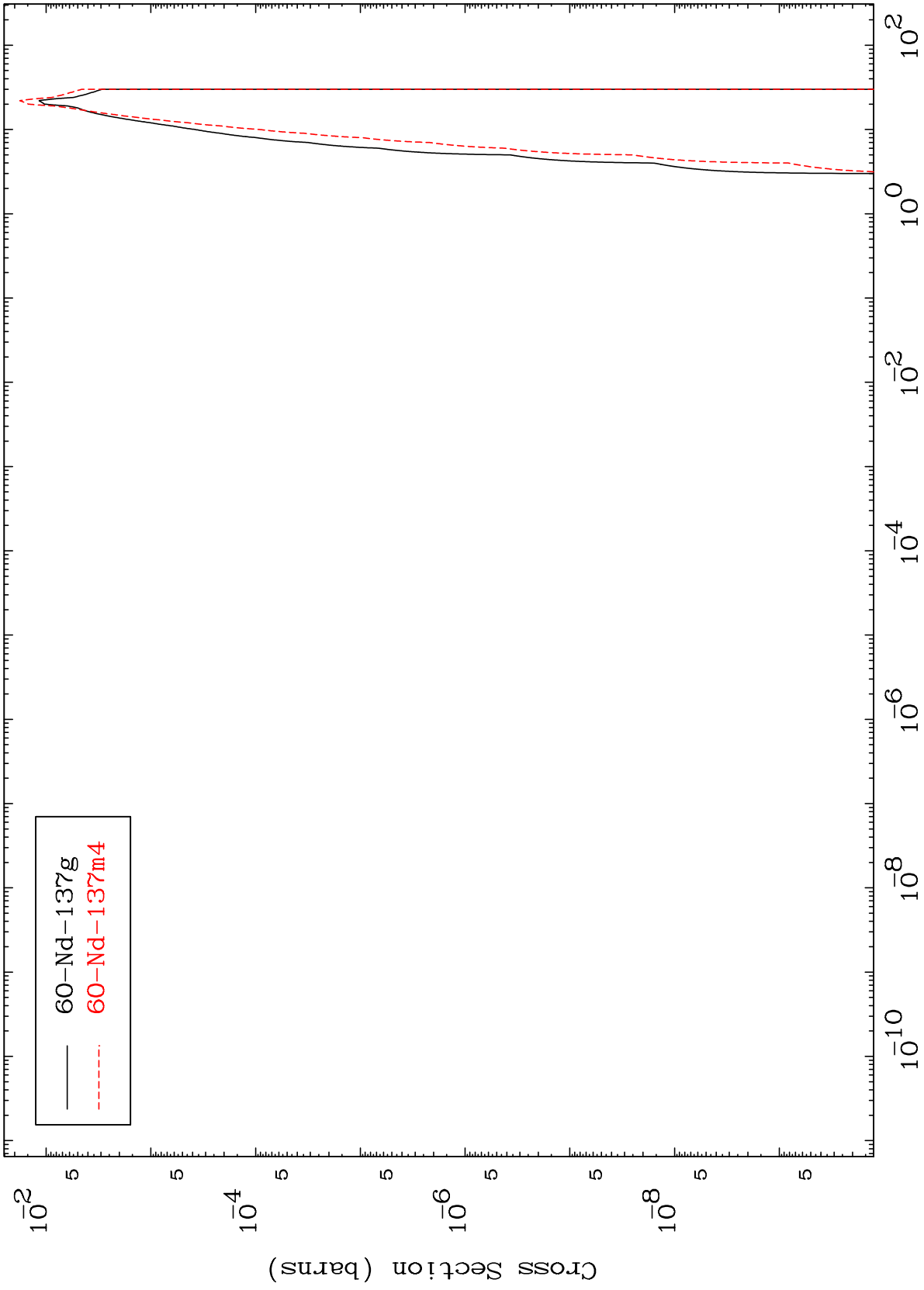
Incident Energy (MeV)

61-Pm-140

MAT 6128

Radionuclide Production Cross Section
(p, α)

61-Pm-140

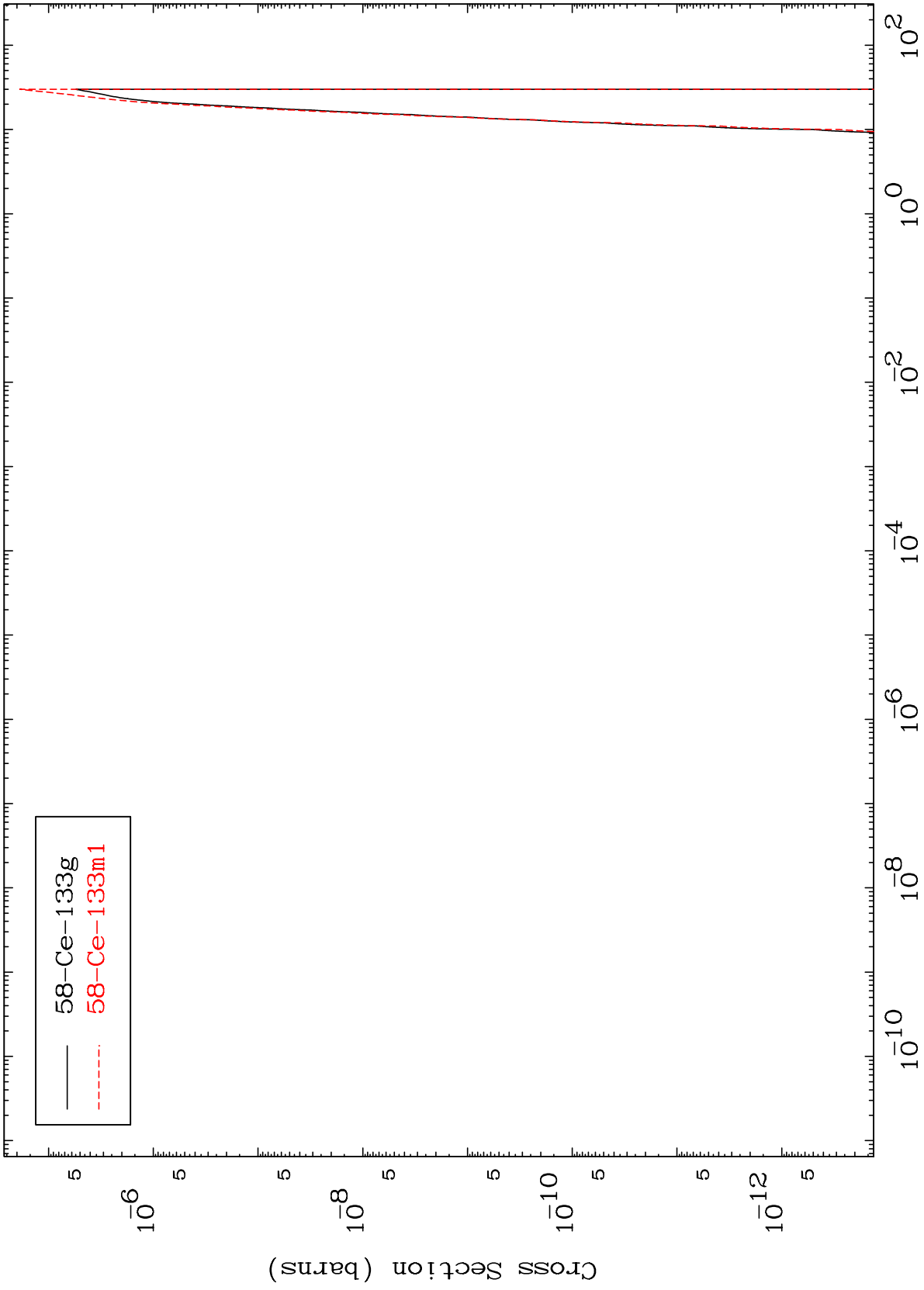


61-Pm-140

MAT 6128

Radionuclide Production Cross Section
(p,2α)

61-Pm-140



22

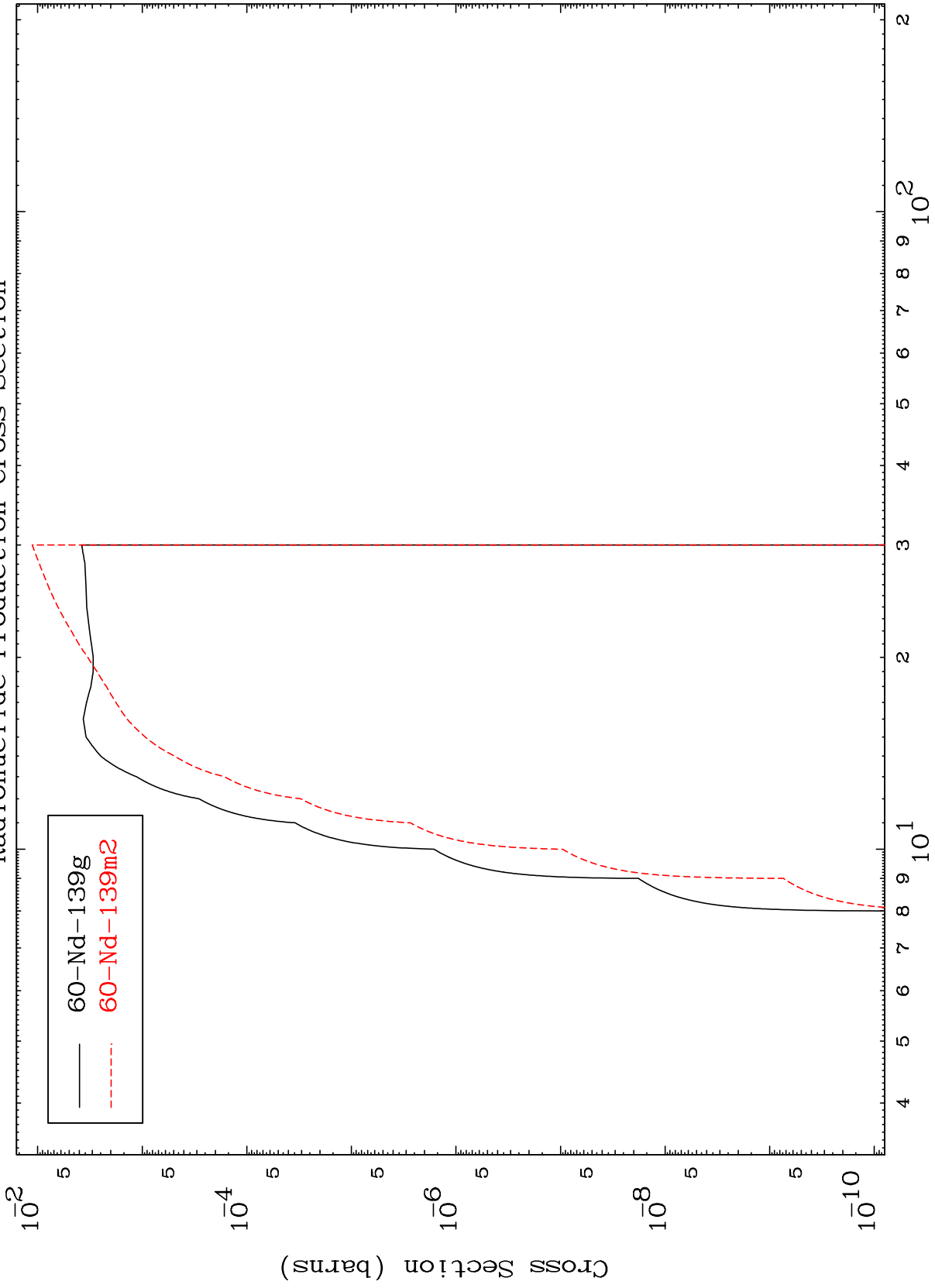
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(p,2p)
Radionuclide Production Cross Section



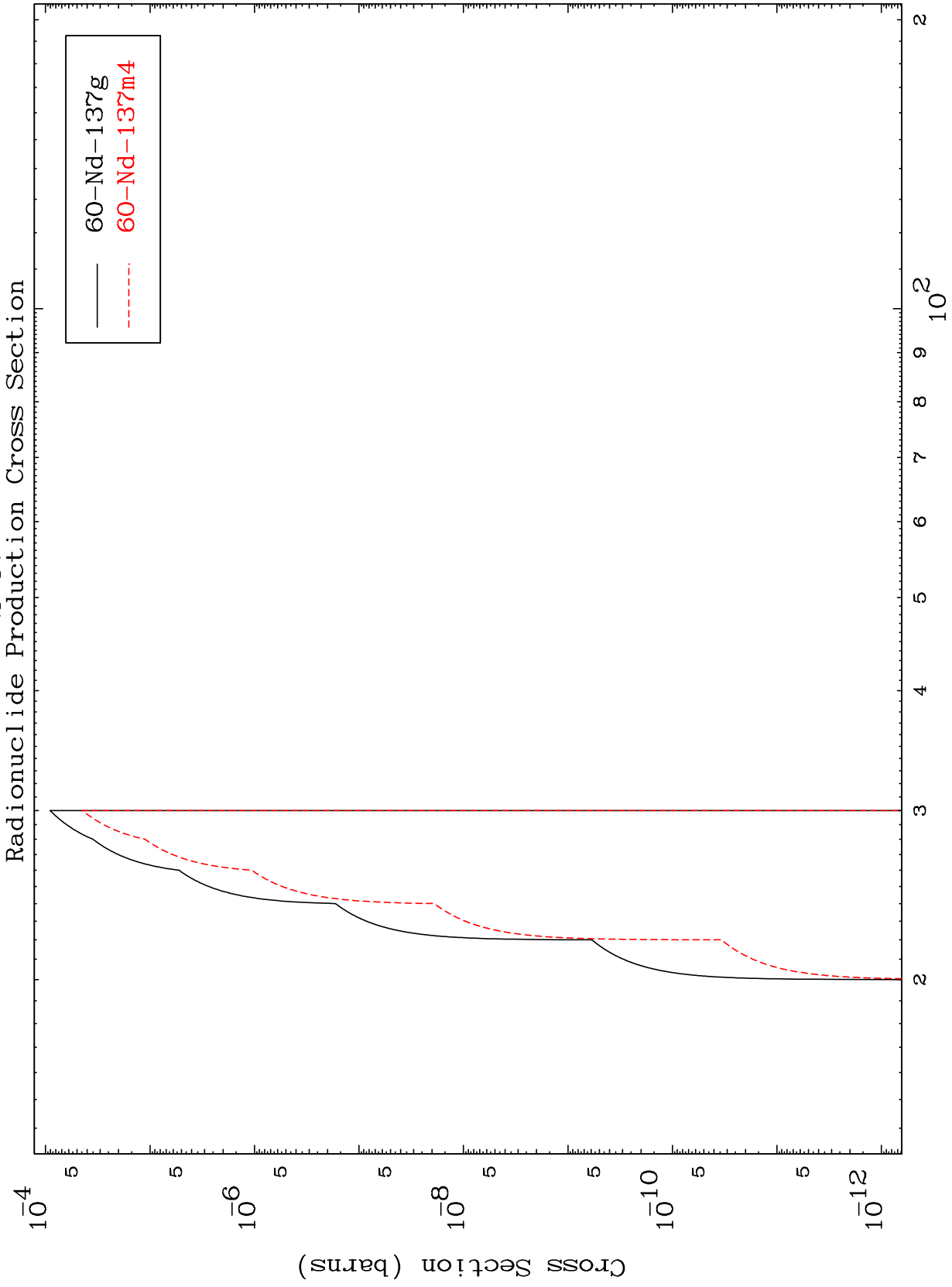
23

61-Pm-140

MAT 6128

(p,p) t

61-Pm-140



24

61-Pm-140